(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 7 April 2005 (07.04.2005)

PCT

(10) International Publication Number WO 2005/031603 A1

(51) International Patent Classification7:

G06F 17/30

(21) International Application Number:

PCT/GB2004/004040

(22) International Filing Date:

22 September 2004 (22.09.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 0322653.7 0322654.5

26 September 2003 (26.09.2003) GB 26 September 2003 (26.09.2003) GB

(71) Applicant (for all designated States except US): BRITISH
TELECOMMUNICATIONS PUBLIC LIMITED
COMPANY [GB/GB]; 81 Newgate Street, London,
Greater London EC1A 7AJ (GB).

(72) Inventor; and

(75) Inventor/Applicant (for US only): CUI, Zhan [CN/GB];

7 Squirrels Field, Mile End. Colchester, Essex CO4 5YA (GB).

(74) Agent: LIDBETTER, Timothy, Guy, Edwin; BT Group Legal, intellectual Property Department, PP: C5A, BT Centre, 81 Newgate Street, London, Greater London EC1A 7AJ (GB).

(81) Designated States (unless otherwise indicated. for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS. JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR PROCESSING ELECTRONIC DATA

•	(I)-(C) Unso	sc-code					TOP (c)	
_	E-(2) Soe -			-		1089	Country name ()-	
	Production					.	Maximum order Cr	
	~ (a) unspeciendo			11			Name ()-	
	(F)-(C) Telephony-equipment			6 / /			Minimum order ()	
Ĺ	(E-(C) Domestic-Appliances			. \	-	Tarrenaria	commodity code ()	
1	EE-IC) Orugo-and-Pharmacoutical				· /	.	Catalogue ID	
**	E-(C) Apparel-and-Luggage-and-Personal-Care					< 1 ·	· Country (2)-=	
1	(D-id) Published Products					J- (1	Unit of Messare (G. 5)	
1	(E-KC) Toots-and-General-Machinery					7		
	E-iC) furniture-end-furnstanes					N/I	Te≍t (♣)- ∰ Catalogue (८)-⊕	
	El- (C) Accessories					/NJ and	E-Cu savies bre sta	
	E-ič) Instruments					/ 1	t description ()	
	E -(c) Materials					, , ,	description O	
	B-(C) Hardwere					"	Buyer name: C	
į.	B-(c) Communications-end-Computer-Equipment-and					i i	Contact name O	
ř.	3-16 Mobile-product							
į.	E- (C) Motate-priorite					1 -		
1	a 40 Mobile phone-product						Price O-	
1	O has vehis rating				7. : .	/	list price ()—	
1					***	-4		
1	O hes-tafters O hes-tafters O hes-weight O hes-pite O hes-model O hes-pite O hes-pit					- 1	Description G - Description	
1						*		
1						1		
1								
1						1		
1						ł		
ł						اء .		
1						10		
1						- 121		
	(c) Electronic-Components						CGC (é) é	
	E-600					٦.	UNGPSC (6)i	
1	: G-69 T	ineciacus-and-lewery-	and-Genstone	-			• • • • • • • • • • • • • • • • • • • •	
	Frem	To ·	- Pre-conditions	Post-con	deichs	Type	Subtype	
е		lina of Measure		i	i			
S-CITC		Price						
oduct		Products and Service	ies	1				
s-1222		Unit of Measure						
	ref-rating	Code						

(57) Abstract: A tool providing a graphical user interface with underlying intelligence to assist a user in creating mappings between ontologies or between ontologies and database schema. For each individual mapping which a user makes the tool checks that the proposed mapping is consistent with all other proposed mappings made by the user thus far and alerts the user if an inconsistency is detected.

2005/031603 A1 |||||||||||

European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

with international search report